

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/038016

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01J29/88 H01J9/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 693 259 A (OTAKI ET AL) 2 December 1997 (1997-12-02) columns 6,7,9,10, lines 1-21,45-47,64-67 -----	1,3,9
Y	EP 0 458 504 A (ACHESON INDUSTRIES, INC.,) 27 November 1991 (1991-11-27) page 3 - page 7 -----	1,9
Y	US 4 760 310 A (DEYAMA ET AL) 26 July 1988 (1988-07-26) column 6, paragraph 2; claim 1 -----	1,9

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

4 July 2005

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Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Ruiz Perez, S

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